

DEPARTMENT OF THE
AIR FORCE

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1987
SUBMITTED TO CONGRESS FEBRUARY 1986



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Other Procurement, Air Force

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DEPARTMENT OF THE AIR FORCE

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OTHER PROCUREMENT, AIR FORCE

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OTHER PROCUREMENT, AIR FORCE

For procurement and modification of equipment (including ground guidance and electronic control equipment, and ground electronic and communication equipment), and supplies, materials, and spare parts therefore, not otherwise provided for; the purchase of not to exceed one thousand five hundred and seven passenger motor vehicles of which one thousand three hundred and nineteen shall be for replacement only and expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein may be acquired, and construction prosecuted thereon prior to the approval of title; reserve plant and Government and contractor-owned equipment layaway \$10,900,300 to remain available for obligation until September 30, 1989. (10 U.S.C. 2110, 2353, 2386, 8012, 9505, 9531-32, 50 U.S.C. 491-94 Department of Defense Appropriation Act, 1985; as included in Public Law 98-473; additional authorization legislation to be proposed.)

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) SUMMARY

		Budget Plan (Amounts for Procurement Actions programmed)		Obligations	
Identification code	57 3080-0-1-051	1985 actual	1986 est	1985 actual	1986 est.
Program by activities:					
Direct program					
00 0101 Munitions and associated equipment	1,197,141	1,199,877	1,546,181	1,048,463	1,129,688
00 0201 Vehicular equipment	332,643	304,224	331,790	327,859	332,679
00 0301 Electronics and telecommunications equipment	2,117,050	2,493,905	3,163,122	1,935,559	2,573,335
00 0401 Other base maintenance and support equipment	4,947,844	4,569,477	5,839,201	5,113,076	5,530,936
00 9101 Total direct program	8,594,678	8,568,083	10,900,300	8,424,957	7,568,638
01 0101 Reimbursable program	294,263	376,900	380,900	306,842	401,939
10 0001 Total	8,888,941	8,944,983	11,281,200	8,731,798	7,970,577
					10,426,614
Financing:					
Offsetting collections from:					
11 0001 Federal funds(-)	-285,115	-347,532	-350,332	-269,516	-347,532
13 0001 Trust funds(-)	-8,966	-22,026	-22,926	-2,036	-22,926
14 0001 Non-Federal sources(-)	-182	-7,342	-7,642	-33	-7,342
17 0001 Recovery of prior year obligations				-100,701	
Unobligated balance available, start of year:					
21 4002 For completion of prior year budget plans				-2,065,843	-2,431,216
21 4003 Available to finance new budget plans	2,000	-347,476	-2,000	-347,476	-3,408,722
21 4007 Reprogramming from to prior year budget plan	130,208	3,100		-263,970	344,376
22 4001 Unobligated balance transferred to other accounts	-263,970	344,376			
24 4002 Unobligated balance available, end of year:				2,431,216	3,408,722
24 4003 Available to finance subsequent year budget	347,476			347,476	4,263,308
25 0001 Unobligated balance lapsing	51,477			51,477	
39 0001 Budget authority	8,857,869	8,568,083	10,900,300	8,857,869	8,568,083
					10,900,300
Budget authority:					
40 0001 Appropriation	8,861,697	8,571,383	10,900,300	8,861,697	8,571,383
41 0001 Transferred to other accounts(-)	-13,670	-3,300		-13,670	-3,300
43 0001 Appropriation (adjusted)	8,848,027	8,568,083	10,900,300	8,848,027	8,568,083
50 0001 Reappropriation	9,842			9,842	
Relation of obligations to outlays:					
71 0001 Obligations incurred, net				8,460,214	7,593,677
72 4001 Obligated balance, start of year				3,912,118	4,843,157
74 4001 Obligated balance, end of year				-4,843,157	5,401,459
77 0001 Adjustments in expired accounts				-10,977	-7,733,038
78 0001 Adjustments in unexpired accounts				-100,701	
90 0001 Outlays				7,417,498	7,035,375
					7,714,135

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Other Procurement, Air Force
Object. Classification (in Thousands of dollars) SUMMARY

	1985 actual	1986 est.	1987 est.
Identified obligation 51-2080-0-1-051			
Direct obligations			
131 001 Equipment	8,424,957	7,568,638	10,045,714
199 001 Total Direct obligations	8,424,957	7,568,638	10,045,714
Reimburseable obligations:			
231 001 Equipment	306,842	401,939	380,900
299 001 Total Reimburseable obligations	306,842	401,939	380,900
999 901 Total obligations	8,731,799	7,970,577	10,426,614

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1985

Identification code	57-3080-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)		Obligations		
		1985 actual	1986 est.	1987 est.	1986 est.	
Program by activities:						
Direct program:						
00. 0101	Munitions and associated equipment	1,197,141	773,561	212,493	211,087	
00. 0201	Vehicular equipment	332,643	208,567	62,183	61,893	
00. 0301	Electronics and telecommunications equipment	2,117,050	1,076,402	520,735	519,913	
00. 0401	Other base maintenance and support equipment	4,947,644	4,604,274	172,363	171,207	
00. 9101	Total direct program	8,594,678	-----	-----	-----	
01. 0101	Reimbursable program	294,262	6,662,804	967,774	964,100	
10. 0001	Total	8,888,941	-----	277,617	16,646	
			-----	6,940,421	984,420	
Financing:						
11. 0001	Offsetting collections from:	-----	-----	-----	-----	
12. 0001	Federal funds(-)	-285,115	-285,115	-285,115	-285,115	
13. 0001	Trust funds(-)	-8,966	-8,966	-8,966	-8,966	
14. 0001	Non-Federal sources(-)	-182	-182	-182	-182	
	Unobligated balance available, start of year:	-----	-----	-----	-----	
21. 4002	For completion of prior year budget plans	-----	-----	-----	-----	
21. 4003	Available to finance new budget plans	-253,349	-253,349	-253,349	-253,349	
22. 4001	Unobligated balance transferred to other acc.	253,349	253,349	253,349	253,349	
	Unobligated balance available, end of year:	-----	-----	-----	-----	
24. 4002	For completion of prior year budget plans	-----	-----	1,948,520	1,948,520	
24. 4003	Available to finance subsequent year budget	253,349	253,349	253,349	253,349	
39. 0001	Budget authority	8,848,027	-----	8,848,027	8,848,027	
	Budget authority:	-----	-----	-----	-----	
40. 0001	Appropriation	-----	-----	8,861,697	8,861,697	
41. 0001	Transferred to other accounts(-)	8, -13,670	8, -13,670	8, -13,670	8, -13,670	
43. 0001	Appropriation (adjusted)	8,848,027	-----	8,848,027	8,848,027	

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Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1986

		Budget Plan (amounts for PROCUREMENT actions programmed)		Obligations	
Identification code: 57-3080-0-1-051		1985 actual	1986 est.	1985 actual	1986 est.
Program by activities:					
00.0101	Direct program:	1,199,877	857,285	181,459	
00.0201	Munitions and associated equipment	304,824	217,995	46,142	
00.0301	Vehicular equipment	2,493,905	1,781,927	377,175	
00.0401	Electronics and telecommunications equipment	4,569,477	3,266,254	691,357	
00.0401	Other base maintenance and support equipment				
00.9101	Total direct program	8,568,083		6,123,461	1,296,133
01.0101	Reimbursable program	376,900		376,900	
10.0001	Total	8,944,983		6,500,361	1,296,133
Financing:					
11.0001	Offsetting collections from:				
11.0001	Federal funds(-)	-347,532		-347,532	
13.0001	Trust funds(-)	-22,026		-22,026	
14.0001	Non-Federal sources(-)	-7,342		-7,342	
14.0001	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
24.4C02	Unobligated balance available, end of year:				
24.4C02	For completion of prior year budget plans				
39.0001	Budget authority				
40.0001	Budget authority:				
40.0001	Appropriation				
41.0001	Transferred to other accounts(-)				
43.0001	Appropriation (adjusted)	8,568,083		8,568,083	

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1987

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Budget Plan (amounts for PROCUREMENT
actions programmed)

Identification code	57-3080-0-1-051	1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00. 0101	Munitions and associated equipment	1, 546, 181			1, 104, 760		
00. 0201	Vehicular equipment	331, 796			236, 679		
00. 0301	Electronic and telecommunications equipment	3, 183, 122			273, 360		
00. 0401	Other base maintenance and support equipment	5, 839, 201			4, 170, 682		
00. 9101	Total direct program				10, 900, 300		
01. 0101	Reimbursable program				380, 900		
10. 0001	Total				11, 281, 200		
Financing:							
11. 0001	Offsetting collections from:						
11. 0001	Federal funds(-)	-350, 332			-350, 332		
13. 0001	Trust funds(-)	-22, 926			-22, 926		
14. 0001	Non Federal sources(-)	-7, 642			-7, 642		
12. 0002	Unobligated balance available, end of year:						
24. 4002	For completion of prior year budget plans						
40. 0001	Budget authority (Appropriation)						
					10, 900, 300		
						10, 900, 300	

ACTIVITY: Munitions and Associated Equipment

(In Thousands of Dollars)

Direct Program Requirements -	FY 1988 -	\$ 975,114
Direct Program Requirements -	FY 1987 -	1,546,181
Direct Program Requirements -	FY 1986 -	1,199,877
Direct Program Requirements -	FY 1985 -	1,197,141

PART I - PURPOSE AND SCOPE

Provides munitions for Tactical and Strategic Forces including: cartridges, bombs, chaff and flare defensive countermeasures cartridges, aerial tow targets, spares and repair parts, and equipment modifications. This materiel is required for: (1) training of aircrews in weapon employment; (2) maintaining pilot-crew combat proficiency; (3) training personnel in maintenance, storage, movement, assembly, and loading of munitions; (4) training weapons personnel in base defense; and (5) the procurement of War Reserve Materiel (WRM) to meet specified inventory objectives.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1987 program includes funds for the procurement of: Small Arms Ammunition; 20MM High Explosive Training Cartridges; 30MM Training/Armor Piercing Incendiary Cartridges; 40MM High Explosive Grenades and Training Grenades; Inflatable Retarders (BSU-49, BSU-50); Guided Bombs; CBU-89 (GATOR) mine and CBU-87 Combined Effects Munition (CEM); BIGEYE Chemical Bomb; Flares and Fuzes. These funds will provide for procurement of training, base defense and WRM.

The FY 1988 program requested for authorization will continue procurement of munitions required to meet training and WRM requirements.

The following table summarizes the program requirements for each of the major categories of munitions and associated equipment in the past, current, budget, and authorization year programs.

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	1985	1986	1987	1988
1. Rockets and Launchers	\$ 16,337	\$ 30,556	\$ 37,702	\$ 41,163
2. Cartridges	267,567	182,949	209,946	192,554
3. Bombs	792,184	866,638	1,149,774	568,728
4. Targets	913	7,090	13,088	23,707
5. Other Items	75,975	53,836	85,254	89,728
6. Fuze	37,806	41,909	36,859	50,067
7. Other Weapons	6,359	16,899	13,558	9,167
Total Direct Program Requirements	\$1,197,141	\$1,199,877	\$1,546,181	\$975,114

MAJOR PROCUREMENTS PLANNED IN FY 1987 INCLUDE:

ROCKETS AND LAUNCHERS - Provides for procurement of practice rockets, rocket motors and miscellaneous rocket components in support of training requirements. The \$7.1 million increase in FY 1987 funding over the FY 1986 level is caused by increased peacetime consumption of the 2.75 inch rocket motor.

CARTRIDGES - Provides for procurement of 20MM training and combat cartridges used in tactical aircraft guns, 30MM Training and Armor Piercing Incendiary (API) Cartridges used in the A-10 aircraft. The \$27.0 million increase from FY 1986 to FY 1987 is attributable to increased consumption for 30MM training, 30 MM/API, 40MM TP Grenades and Cart Chaff, and no procurement of 30MM High Explosive Incendiaries (HEI) for WRM requirements.

BOLES - Provides for procurement of inflatable retarders and practice bombs and the BIGEYE chemical bombs as well as increased procurement of the CBU-89 (GATOR) mine, the CBU-87 Combined Effects Munition (CEM). The \$283.1 million increase from FY 1986 to FY 1987 is caused by the increase in procurement of Durandl, CBU-87 and CBU-89 for improvement in the readiness posture, and filling WRM requirements. The FY 1987 BIGEYE request provides for low rate production and assembly of the BIGEYE weapon.

TARGETS - Provides for procurement of aerial tow targets for air-to-air gunnery training.

OTHER ITEMS - Provides for procurement of a variety of flares, spare and repair parts, and modifications. The increase of \$31.4 million from FY 1986 to FY 1987 is caused by increased procurement of the MJU-10 countermeasures flare and the RR-141 chaff packages, and reduced procurement of spare and repair parts and modifications.

FUZES - Provides for procurement of the FMU-112/FMU-139 electronic fuzes for bombs. The decrease of \$5.1 million from FY 1986 to FY 1987 is caused by termination of production of the FMU-81 fuze and the MK-339.

OTHER WEAPONS - Provides for procurement of grenade launchers, M-60 machine guns, 12 gauge shotguns, and 9MM handguns. The decrease of \$3.3 million from FY 1986 to FY 1987 is primarily attributable to the decreased procurement of the 40MM and GAU-5 machine guns.

ACTIVITY: Vehicular Equipment

(In Thousands of Dollars)

Direct Program Requirement -	FY 1988	-	\$ 416,195
Direct Program Requirement -	FY 1987	-	331,796
Direct Program Requirement -	FY 1986	-	304,824
Direct Program Requirement -	FY 1985	-	332,643

PART I - PURPOSE AND SCOPE

Provides for all classes and types of mission related vehicles to support operational readiness of the active and reserve forces, including the capability to sustain a wartime surge of forces for the length of the conflict. Examples of vehicle types are forklifts and aircraft loaders, aircraft refuelers, aircraft launch and recovery vehicles, and fire fighting equipment.

PART II - JUSTIFICATION OF FUNDS REQUESTED

Provides for the procurement of critical general purpose, special purpose, and base maintenance vehicles and materials handling equipment. Funds replacement for overage and uneconomical vehicles in order to improve combat readiness.

The FY 1988 program requested for authorization will continue procurement to replace worn-out vehicles and add new vehicles required to meet new mission requirements.

The following table summarizes the program requirements for each of the major vehicle categories in the past, current, budget and authorization year programs.

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	1985	1986	1987	1988
1. Passenger Carrying Vehicles	\$ 22,192	\$ 15,465	\$ 25,220	\$ 25,257
2. Cargo and Utility Vehicles	145,962	129,668	122,083	123,282
3. Special Purpose Vehicles	68,394	43,710	48,001	136,538
4. Firefighting Equipment	28,452	43,082	17,293	39,198
5. Materials Handling Equipment	22,332	24,658	48,154	30,266
6. Base Maintenance Support	<u>45,311</u>	<u>48,241</u>	<u>71,045</u>	<u>61,654</u>
Total Direct Program Requirements	\$ 332,643	\$ 304,824	\$ 331,796	\$ 416,195

MAJOR PROCUREMENT PLANNED IN FY 1987 INCLUDES:

PASSENGER CARRYING VEHICLES - Provides for replacement of buses, ambulances, sedans and station wagons which are overage, worn-out and require excessive repair to maintain. The FY 1987 program is \$9.8 million more than FY 1986, and it represents only 7.6% of the entire vehicle program. The FY 1987 program will replace only those passenger carrying vehicles in the cost critical age and maintenance categories. Also, we are filling new authorizations for new weapon systems.

CARGO AND UTILITY VEHICLES - This category includes vehicles required to transport air crews, distribute cargo and munitions, tow communications equipment, and expedite delivery of aircraft spare parts to the flightline. The \$7.6 million decrease from FY 1986 to FY 1987 is attributable mainly to decreased procurement of commercial utility cargo vehicles, pickup trucks, shop vans and semi-trailers.

SPECIAL PURPOSE VEHICLES - This category provides for procurement of aircraft tow tractors, flightline equipment tow tractors, telephone installation and maintenance vehicles, and fuel, water and oil tank trucks. The FY 1987 request is \$4.3 million more than the FY 1986 request due to the net result of a decreased buy of the R-9 fuel tank truck and increased buys of several other special purpose vehicles.

FIRE FIGHTING EQUIPMENT - Provides for procurement of equipment required for aircraft crash and rescue operations, and for structural fire protection of base property. The FY 1987 request is \$25.8 million less than FY 1986 primarily due to decreased procurement of the P-2, P-10, P-19 and P-20 crash trucks and the fire hi-reach trucks.

MATERIALS HANDLING EQUIPMENT - Provides for procurement of forklifts and cargo loaders to support aerial port and munitions handling/loading operations. The FY 1987 request is \$23.5 million greater than FY 1986 due to the increase in procurement of 10,000 lb forklifts and the large capacity loader.

BASE MAINTENANCE SUPPORT EQUIPMENT - Provides funding for construction and maintenance equipment required for airfields and grounds. The FY 1987 program is \$22.8 million more than FY 1986 primarily due to increased procurement of scoop loaders, 7-50 ton cranes, water distributors, runway street cleaners and a host of small buys under \$2,000,000.

ACTIVITY: Electronics and Telecommunications Equipment

(In Thousands of Dollars)

Direct Program Requirements -	FY 1988	\$ 2,940,148
Direct Program Requirements -	FY 1987	3,183,122
Direct Program Requirements -	FY 1986	2,493,905
Direct Program Requirements -	FY 1985	2,117,050

PART I - PURPOSE AND SCOPE

Provides ground electronic and telecommunications systems for command and control of the operational forces, the detection of hostile forces, and Air Force-wide communications.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested will ensure the continued worldwide command and control of our strategic and tactical forces through procurement of prime mission electronics and telecommunications equipment, modification kits, peculiar test equipment, and essential spare and repair parts. Provision is also made for the supporting structure requirements, such as enroute and terminal navigational and landing guidance; intelligence; and security of Air Force activities, facilities and personnel. Also included are items such as communications and navigation radio equipment, land-line communications equipment, detection and surveillance radars, communications security devices, data processing and display equipment, meteorological equipment and modification kits needed for assurance of effective and continued operation.

The FY 1988 program will continue procurement of Electronics and Telecommunications Equipment primarily for the same purposes as outlined for FY 1987.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current budget, and authorization year programs:

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	1985	1986	1987	1988
1. Communications Security Equipment	\$107,224	\$146,423	\$128,183	\$120,561
2. Intelligence Programs	69,351	44,861	76,335	77,670
3. Electronic Programs	440,364	722,528	754,411	857,539
4. Special Comm-Electronics Projects	690,050	619,709	864,424	785,790
5. Air Force Communications	293,744	345,521	476,135	372,846
6. DCA Programs	43,409	78,473	203,689	65,952
7. Organization and Base	405,333	460,491	594,769	569,950
8. Modifications	<u>67,575</u>	<u>75,899</u>	<u>85,146</u>	<u>89,840</u>
Total Direct Program Requirements	\$2,117,050	\$2,493,905	\$3,183,122	\$2,940,148

MAJOR PROCUREMENTS PLANNED IN FY 1987 INCLUDE:

COMMUNICATIONS SECURITY EQUIPMENT - This program is for the procurement and installation of devices for encryption and decryption of communications, to ensure security of voice, teletype and data communications. Included is equipment to secure data networks and tactical radios. The FY 1987 request is approximately \$18 million less than the FY 1986 program primarily because of decreased FY 1987 requirements for space systems.

INTELLIGENCE PROGRAMS - This program provides the equipment for worldwide USAF collection, processing and reporting of intelligence information.

ELECTRONICS PROGRAMS - This activity includes electronic equipment to augment existing systems and to replace obsolete equipment. Included is equipment for the Defense Support Program, Cheyenne Mountain Complex, Ballistic Missile Early Warning System (BMEWS), and aircraft detection (Distant Early Warning and OTTH-B radars). The FY 1987 program increased approximately \$32 million over FY 1986 due primarily to increased procurement of the Pave Paws/SLBM Warning System upgrade.

SPECIAL COMM-ELECTRONICS PROGRAMS - This program procures electronic equipment to satisfy specific mission requirements. Included are Automatic Data Processing Equipment (ADPE), Air Base Defense Systems, Range Improvements, Base Level Data Automation, and the Satellite Control Facility. The FY 1987 program increased approximately \$245 million from 1986 due primarily to increased requirements for the Range Improvement Program, Satellite Control Facility, Consolidated Space Operations Center, and improvement and modernization of the Space and Missile Test Ranges.

AIR FORCE COMMUNICATIONS - These programs are the primary Air Force Communications terminal equipments used to provide common user facilities. Included are satellite communication terminals, equipment used in communications centers, and tactical ground equipment. The FY 1987 program increase of approximately \$130 million is due primarily to increased requirements for Milstar ground equipment, the Joint Tactical Communications (TRI-TAC) program and mobile command center equipment.

DCA PROGRAMS - These programs are in support of the Defense Communications System. Included are the Wide-band Systems Upgrade and Minimum Essential Emergency Communications Net (MEECN). The FY 1987 program increase of \$125 million over the FY 1986 program is due primarily to increased requirements for secure voice equipment, the MEECN program, and increased wideband systems requirements.

ORGANIZATION AND BASE - This program procures electronic equipment for individual Air Force units and bases. It includes TV equipment, mobility radios, and spares and repair parts. The FY 1987 program increase of approximately \$134 million is caused by the requirement for additional spares and repair parts and tactical equipment.

MODIFICATIONS - This program is for the modification of existing electronic equipment to increase reliability, provide a new or increased capability or correct an operational deficiency. The FY 1986 program increase of approximately \$9 million is due to increased requirements for anti-jam voice modifications.

(In Thousands of Dollars)

Direct Program Requirements -	FY 1988 -	\$ 5,523,204
Direct Program Requirements -	FY 1987 -	5,839,201
Direct Program Requirements -	FY 1986 -	4,569,477
Direct Program Requirements -	FY 1985 -	4,947,844

ACTIVITY: Other Base Maintenance and Support Equipment

PART I - PURPOSE AND SCOPE

Provide ground support equipment, not otherwise provided with the major weapons systems, for operational forces and supporting structure. Included are test equipment, personal safety and rescue equipment, medical and dental equipment, and automated materials handling equipment for improving the efficiency of the Air Force supply and maintenance system, base maintenance equipment, electrical equipment, intelligence and reconnaissance equipment, and modifications. All equipment is essential for the day to day support of the forces in being as well as to sustain combat operations in wartime and to maintain the minimum quality of life for Air Force personnel.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested provide for: (1) test equipment for maintenance, calibration, repair and checkout of weapon systems, electronics equipment and communications apparatus; (2) personal safety items to safeguard the lives of aircrews and other personnel, including chemical/biological defense equipment; (3) equipment for repair at base level maintenance shops, mechanization of materials handling systems at Air Force bases, air logistics centers and passenger and cargo terminals; (4) mobile electric generating power equipment and area lighting; (5) base support equipment, (6) medical and dental equipment, air cargo pallets and nets, and aircraft arresting systems; (7) special support projects, Air Force elements of the atomic energy surveillance program and industrial preparedness technology modernization efforts; and (8) industrial surge requirements and (9) modifications to improve reliability and maintainability of equipment.

The FY 1988 program requested for authorization will continue procurement of the same type equipment requested in FY 1987.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current, budget and authorization year programs.

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	1985	1986	1987	1988
1. Test Equipment	\$ 55,886	\$ 112,743	\$ 119,612	\$ 112,310
2. Personal Safety and Rescue Equipment	48,984	90,894	138,582	187,517
3. Depot Plant and Materials Handling Equipment	37,181	51,807	53,969	88,880
4. Electrical Equipment	21,636	36,116	42,146	48,301
5. Base Support Equipment	210,795	257,768	383,968	370,482
6. Special Support	4,573,362	3,965,449	5,100,924	4,715,714
7. Non-Centrally Managed Items		<u>54,700</u>		
 Total Direct Program Requirements	 \$4,947,844	 \$4,569,477	 \$5,839,201	 \$5,523,204

MAJOR PROCUREMENTS PLANNED IN FY 1987 INCLUDE:

TEST EQUIPMENT - Provides calibration standards and precision measurement equipment for Precision Measurement Equipment Laboratories and the Aerospace Guidance Meteorology Center; oscilloscopes, signal generators, electronic counters, level meter and display; and other electronic test equipment purchases costing less than \$2,000,000 each. The \$6.9 million increase from FY 1986 to FY 1987 is attributable to an increase in procurement of a wide variety of test equipment which will result in improved combat readiness.

PERSONAL SAFETY AND RESCUE EQUIPMENT - Provides chemical/biological defense protection equipment, night vision goggles, life rafts/preservers, and other safety and rescue equipment. The \$47.7 million increase in FY 1987 over FY 1986 is due primarily to entering full production capacity on the Survivable Collective Frctecticr Shelter, part of the Chemical/Biological Defense Program.

DEPOT PLANT AND MATERIALS HANDLING EQUIPMENT - Includes mechanized material handling equipment and automated warehouses for five Air Logistic Centers, various air bases, passenger terminals, and freight terminals and other base level maintenance and repair shop equipment costing less than \$2,000,000 each. The net increase of \$2.2 million in FY 1987 over FY 1986 is due primarily to the automation of various warehouse and distribution centers in the Base Mechanization Equipment program and the replacement of overaged (20-30 years old) maintenance shop equipment at multiple Air Force Bases. **27**

ELECTRICAL EQUIPMENT - Provides mobile electric generators, floodlights and other electrical items costing less than \$2,000,000 each. The generators provide primary and/or utility power to alert hangers, communications systems, radar systems, aircraft maintenance shops, control towers and runway lighting. Increase in the procurement of mobile electric generators and flood lights result in an increase of \$6.6 million from FY 1986 to FY 1987. The increase is essential to fill shortages and enhance the overall readiness posture of vital combat systems.

BASE SUPPORT EQUIPMENT - Provides for the purchase of centrally procured equipment such as mobility equipment, cargo pallets and nets, photographic equipment and spares and repair parts. The \$126.2 million increase from FY 1986 to FY 1987 is due primarily to an increase in Medical/Dental Equipment to improve medical readiness and in the Air Base Survivability to ensure bases can generate sorties after an enemy attack.

SPECIAL SUPPORT PROJECTS - Includes intelligence equipment and systems, industrial preparedness, and equipment modifications.

NON-CENTRALLY MANAGED ITEMS - In FY 1987 these items have been distributed to the appropriate line items.

1986 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1986 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1987 BUDGET

SUMMARY OF REQUIREMENTS

		(In Thousands of Dollars)		
		Program Requirements 1986 Budget	Program Requirements 1987 Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment				
Vehicular Equipment	\$1,621,759	\$1,199,877		-421,882
Electronics and Telecommunications Equipment	340,869	304,824		-36,045
Other Base Maintenance and Support Equipment	2,816,783	2,493,905		-322,878
Reimbursable Program	4,758,589	4,569,477		-189,112
	<u>390,900</u>	<u>376,900</u>		<u>-14,000</u>
TOTAL	\$9,928,900	\$8,944,983		-983,917

EXPLANATION BY BUDGET ACTIVITY

1. MUNITIONS AND ASSOCIATED EQUIPMENT (\$-421.9 MILLION). Congress cut the President's FY 1986 Budget by \$421.9 million: 30MM Training (\$-11.8M), Cartridge Imp 3000 FT/LBS (\$-1.1M), Durandal (\$-13.9M), Timer, Actuator Fin Fuzes (\$-2.0M), BSU-49 Inflatable Retarder (\$-3.5M), Bomb 2000 LB High Explosive (\$-2.2M), Laser Bomb Guidance Kit (\$-103.7M), GBU-15 (\$-42.9M), CBU-89 (TMD/GATOR) (\$-30.0M), CBU-87 (CEM) (\$-152.9M), BIGEYE (\$-22.1M) Aerial Tow Target (\$-1.6M), Rapid Munitions Assembly (\$-1.1M), Spare and Repair Parts (\$-2.4M), Items Less Than \$900K (\$-2.3M), FMU-130 (\$-8.4M) and FMU-112/139 (\$-20.0M). Congress added \$40.0 million for War Reserve Ammunition. However, that was used to satisfy part of the \$290.0 million undistributed reduction imposed by the Appropriation Act.

2. VEHICULAR EQUIPMENT (\$-36.0 MILLION). No cuts were imposed by Congress. However, \$43.6 million was taken from various items to satisfy part of the \$290.0 million undistributed reduction imposed by the Appropriation Act and \$7.6 million was added as a result of a reprogramming from the Electronics and Telecommunications Budget Activity.

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3. ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT (\$-322.9 MILLION). Congress reduced the President's FY 1986 Budget by \$216.2 million: Tactical Air Control System Improvement (\$-11.0M), OTH-B Radar (\$-70.0M), Cheyenne Mountain Complex (\$-6.9M), Navstar GPS (\$-4.0M), USAFE Command & Control System (\$-3.4M), MARS/USAF-FAA Radar Upgrade (\$-13.8M), TR-1 Ground Stations (\$-10.0M), Imagery Transmission (\$-17.5M), Automatic Data Processing Equipment (\$-7.4M), Range Improvement (\$-15.0M), Base Level Data Automation (\$-17.0M), SAMTO Test Ranges I&M (\$-10.0M), Joint Tactical Communications Program (\$-1.7M), and Spare & Repair Parts (\$-28.5M). Congress added a TACAN for \$8.0 million. Reprogramming of \$14.6 million to the Other Base Maintenance and Support Budget Activity is reflected for intelligence programs. \$83.5 million was taken from various items including \$8.0 million from TACAN to satisfy part of the \$290.0 million undistributed reduction imposed by the Appropriation Act. \$9.0 million was taken for inflation re-estimate as directed by the Appropriation Act. \$7.6 million was reprogrammed to the Vehicle Budget Activity.

4. OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT (\$-189.1 MILLION). Congress cut the President's FY 1986 Budget by \$77.7 million: Base/ALC Calibration Package (\$-7.8M), Test Equipment (\$-5.2M), Items Less Than \$900K (Test Equipment) (\$-7.0M), Items Less Than \$900K (Depot Plant & Materials Handling Equipment) (\$-5.0M), Flood Lights (\$-2.9M), Air Base Survivability (\$-14.8M), Medical/Dental Equipment (\$+3.4M), Items Less Than \$900K (Base Support Equipment) (\$-2.8M), Defense Dissemination System (\$-8.9M), Photo Processing & Interpretation System (\$-1.3M), Selected Activities (\$-68.3M), Industrial Preparedness (\$-11.8M) and Noncentrally Managed Items (\$+54.7M). \$122.7 million was taken from various line items to satisfy part of the \$290.0 million undistributed reduction imposed by the Appropriation Act. \$14.6 million was reprogrammed from the Electronics and Telecommunications Budget Activity into intelligence programs as directed by OSD. \$3.3 million was reprogrammed to another DOD appropriation.

5. REIMBURSABLE PROGRAM (\$-14.0 MILLION). The decrease of \$14.0 million is due to a revised estimate of customer orders.

COMPARISON OF FY 1986 FINANCING AS REFLECTED
IN FY 1986 BUDGET WITH FY 1986 FINANCING AS
SHOWN IN FY 1987 BUDGET

	(In Thousands of Dollars)		
	Financing Per FY 1986 Budget	Financing Per FY 1987 Budget	Increase (+) or Decrease (-)
Program Requirement	\$9,928,900	\$8,944,983	\$-983,917
Program Requirements (Service Account)	9,538,000	8,568,083	-969,917
Program Requirements (Reimbursable)	390,900	376,900	-14,000
 Less:			
Anticipated Reimbursements	390,900	376,900	-14,000
 Add:			
Transferred to Other Accounts		3,300	+3,300
Appropriation	\$9,538,000	\$8,568,083	\$-969,917

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1986 program has decreased \$983,917 thousand since submission of the FY 1986 budget. Adjustments by category are explained below:

1. ANTICIPATED REIMBURSEMENTS. The decrease of \$14,000 thousand is due to a revised estimate of customer orders.
2. TRANSFERRED TO OTHER ACCOUNTS. The increase of \$3,300 thousand is due to DD 1415 Reprogramming currently being prepared for submission to Congress.
3. CONGRESSIONAL REDUCTIONS. Congress reduced the President's FY 1986 Budget by \$969.9 million: Munitions (\$-421.9M), Vehicles (\$-36.0M), Electronics and Telecommunications (\$-322.9M) and Other Base Maintenance & Support equipment (\$-185.8M). These reductions include the \$290.0 million undistributed reduction mandated by Congress.

1985 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1986 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1987 BUDGET

SUMMARY OF REQUIREMENTS

(In Thousands of Dollars)

	Program Requirements 1985 Budget	Program Requirements 1986 Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment	\$1,251,876	\$1,197,141	\$ -54,735
Vehicular Equipment	337,398	332,643	-4,755
Electronics and Telecommunications Equipment	2,297,757	2,117,050	-180,707
Other Base Maintenance and Support Equipment	4,961,096	4,947,844	-13,252
Reimbursable Program	<u>361,300</u>	<u>294,263</u>	<u>-67,037</u>
TOTAL	\$9,209,427	\$8,888,941	\$-320,486

EXPLANATION BY BUDGET ACTIVITY

1. MUNITIONS AND ASSOCIATED EQUIPMENT (\$-54.7 MILLION). Congress specifically reduced the 30MM API munition by \$10.8 million and various line items were reduced by \$43.9 million as part of the \$196.0 million prior year undistributed inflation/savings transfer.
2. VEHICULAR EQUIPMENT (\$-4.7 MILLION). The program was reduced by \$4.5 million as part of the \$196.0 million prior year undistributed inflation/savings transfer. \$.2 million was reprogrammed to the Other Base Maintenance and Support Equipment Budget Activity for intelligence programs.

3. ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT (\$-180.7 MILLION). Congress specifically reduced the DEW Radar by \$30.7 million and the MARS Radar by \$15.8 million and various other line items totaling \$132.4 million were reduced as part of the \$196.0 million prior year undistributed inflation/savings transfer. \$.7 million was reprogrammed to the Other Base Maintenance and Support Equipment Budget Activity and \$.1 million was transferred to other Defense agencies on by reprogramming.
4. OTTER BASE MAINTENANCE AND SUPPORT EQUIPMENT (\$-13.3 MILLION). A \$14.0 million reduction is reflected as part of the \$196.0 million prior year undistributed inflation/savings transfer. \$.7 million was reprogrammed from the Electronics and Telecommunications Budget Activity.
5. REIMBURSABLE PROGRAM (\$-67.0 MILLION). The decrease of \$67.0 million is due to a revised estimate of customer orders.

COMPARISON OF FY 1985 FINANCING AS REFLECTED
IN FY 1986 BUDGET WITH FY 1984 FINANCING AS
SHOWN IN FY 1987 BUDGET

	(In Thousands of Dollars)		
	Financing Per FY 1986	Financing Per FY 1987	Increase (+) or decrease (-)
Program requirements	\$9,209,427	\$8,888,914	\$ -320,486
Program requirements (Service Account)	8,848,127	8,594,678	-253,449
Program requirements (Reimbursable)	361,300	294,263	-67,037
 Less: Anticipated Reimbursements	 361,300	 294,263	 -67,037
 Add: Transferred to other accounts	 13,570	 13,670	 +100
Appropriation	\$8,848,127	\$8,594,678	\$ -253,449

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1985 program has decreased \$320,486 thousand since submission of the FY 1986 budget. Adjustments by category of financing are explained below:

1. ANTICIPATED REIMBURSEMENTS. The decrease is due to a revised estimate of customer orders.
2. TRANSFERRED TO OTHER ACCOUNTS. The increase is due to a transfer of \$.1 million to other Defense agencies by reprogramming action.
3. PROGRAM REQUIREMENTS. The decreases by budget activity result primarily from the prior year inflation/savings reductions.